

ABSTRACT

5 A secondary power source is coupled to an automatic transfer switch that distributes power to the critical loads from the secondary power source if power is not available from the primary power source. A load reduction transfer switch, wired in parallel to the automatic transfer switch, distributes power from the secondary power source to the load reduction loads to reduce power demand on the primary source only when power
10 from the primary power source is available and during times requiring load reduction. Preferably, the load reduction transfer switch is wirelessly controlled to permit simultaneous load reduction at multiple sites.